

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 January 2004 (22.01.2004)

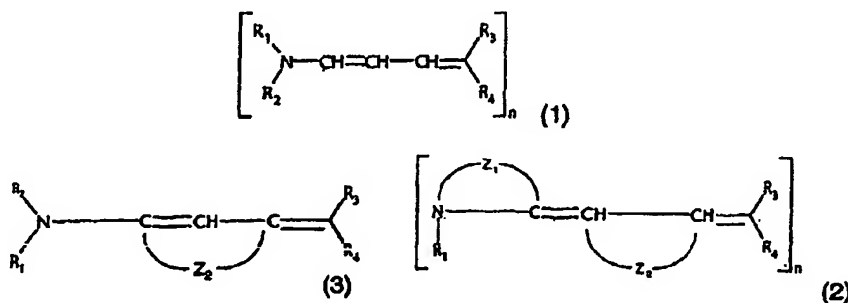
PCT

(10) International Publication Number
WO 2004/006878 A1

- (51) International Patent Classification⁷: A61K 7/42. (74) Common Representative: CIBA SPECIALTY CHEMICALS HOLDING INC.; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).
C07C 255/30, C07D 295/145
- (21) International Application Number: PCT/EP2003/006955
- (22) International Filing Date: 1 July 2003 (01.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 02405582.4 10 July 2002 (10.07.2002) EP
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW). Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM). European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR). OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: MEROCYANINE DERIVATIVES FOR COSMETIC USE



(57) Abstract: The use is described of merocyanine derivatives of formula (1), wherein R₁ and R₂ are each independently of the other hydrogen; C₁-C₂₂alkyl; cyclo-C₃C₈alkyl; or unsubstituted or C₁-C₃alkyl- or C₁-C₃alkoxy-substituted C₆-C₂₀aryl; or R₁ and R₂ together with the nitrogen atom linking them form a -(CH₂)_m- ring which is uninterrupted or interrupted by -O- or by -NH-; R₃ is a cyano group; -COOR₅; -CONHR₅; -COR₅; or -SO₂R₅; R₄ is a cyano group; -COOR₆; -CONHR₆; -COR₆; or -SO₂R₆; R₅ and R₆ are each independently of the other C₁-C₂₂alkyl; or unsubstituted or C₁-C₃alkyl substituted C₆-C₂₀aryl; or R₃ and R₄ together or R₅ and R₆ together form a 5- to 7-membered, monocyclic, carbocyclic or heterocyclic ring; Z₁ and Z₂ are each independently of the other a -(CH₂)_l- group which is uninterrupted or interrupted by -O-, -S-, or by -NR₇-, and/or is unsubstituted or substituted by C₁-C₃alkyl; R₇ is C₁-C₃alkyl; l is from 1 to 4; m is from 1 to 7; n is from 1 to 4; when n = 2, R₃ or R₆ is a bivalent alkyl group; or R₁ and R₂ together with the 2 nitrogen atoms linking them form a -(CH₂)_n- ring; when n = 3, R₁, R₅ or R₆ is a trivalent alkyl group; when n = 4, R₁, R₅ or R₆ is a tetravalent alkyl group; and R₁ and R₂ in formula (1) are not simultaneously hydrogen, in protecting human and animal hair and skin from UV radiation.

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